

BIRCH STEWART, KOLASCH & BACH, LLP

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**COMBINED DECLARATION AND POWER OF ATTORNEY**

# FOR PATENT AND DESIGN APPLICATIONS

**ATTORNEY DOCKET NO.**  
**1752-0143P**

**Insert Title:**

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor ( if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## DENITRIFYING COMPOSITION FOR REMOVING NITRATE NITROGEN AND PROCESS FOR PRODUCING THE SAME

**Fill in Appropriate  
Information -  
For Use Without  
Specification  
Attached:**

the specification of which is attached hereto. If not attached hereto,

the specification was filed on March 23, 2001 as  
United States Application Number 09/787,793 and/or

the specification was filed on September 24, 1999 as PCT International Application Number PCT/JP99/05226; and was amended under PCT Article 19 on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**Insert Priority  
Information:  
(if appropriate)**

→ Prior Foreign Application(s)

Priority	Claimed
<input checked="" type="checkbox"/>	<input type="checkbox"/>
Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>
Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
Yes	No

**Insert Provisional  
Application(s):  
(if any)**

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More Than 12 Months (6 Months for Designs) Prior To The Filing Date of This Application:

**Insert Requested  
Information:  
(if appropriate)**

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

**Insert Prior U.S.  
Application(s):  
(if any)**

→ \_\_\_\_\_ (Application Number) \_\_\_\_\_ (Filing Date) \_\_\_\_\_ (Status - patented, pending, abandoned)  
\_\_\_\_\_ (Application Number) \_\_\_\_\_ (Filing Date) \_\_\_\_\_ (Status - patented, pending, abandoned)

I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

15	Terrell C. Birch (Reg. No. <u>19,389</u> ) Joseph A. Kolasch (Reg. No. <u>22,463</u> ) Bernard L. Sweeney (Reg. No. <u>24,448</u> ) Charles Gorenstein (Reg. No. <u>29,271</u> ) Leonard R. Svensson (Reg. No. <u>30,330</u> ) Andrew D. Meikle (Reg. No. <u>32,868</u> ) Joe McKinney Muncy (Reg. No. <u>32,334</u> ) C. Joseph Faraci (Reg. No. <u>32,350</u> )	Raymond C. Stewart (Reg. No. <u>21,066</u> ) James M. Slattery (Reg. No. <u>28,380</u> ) Michael K. Mutter (Reg. No. <u>29,680</u> ) Gerald M. Murphy, Jr. (Reg. No. <u>28,977</u> ) Terry L. Clark (Reg. No. <u>32,644</u> ) Marc S. Weiner (Reg. No. <u>32,181</u> ) Donald J. Daley (Reg. No. <u>34,313</u> )
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Send Correspondence to:

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Sole Inventor: Insert Name of Inventor Insert Date This Document is Signed ↓ Insert Residence Insert Citizenship ↓ Insert Post Office Address ↓ Full Name of Second Inventor, if any: see above ↓ see above	<b>GIVEN NAME</b> <u>Atsushi</u>	<b>FAMILY NAME</b> <u>YATAGAI</u>	<b>INVENTOR'S SIGNATURE</b> <u>Atsushi Yatagai</u>	<b>DATE*</b> <u>April 5, 2001</u>
	Residence (City, State & Country) <u>Chichibu-gun, Saitama-ken Japan</u>			<b>CITIZENSHIP</b> <u>Japanese</u>
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o Laboratory for Powder Technology, NITCHITSU CO., LTD., 351-1, Kamitano, Arakawa-mura, Chichibu-gun, Saitama-ken, 369-1802 Japan			
	<b>GIVEN NAME</b> <u>Tomomichi</u>	<b>FAMILY NAME</b> <u>GUNJI</u>	<b>INVENTOR'S SIGNATURE</b> <u>Tomomichi Gunji</u>	<b>DATE*</b> <u>April 5, 2001</u>
	Residence (City, State & Country) <u>Chichibu-gun, Saitama-ken Japan</u>			<b>CITIZENSHIP</b> <u>Japanese</u>
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	Residence (City, State & Country)			<b>CITIZENSHIP</b>
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
	<b>GIVEN NAME</b> <u></u>	<b>FAMILY NAME</b> <u></u>	<b>INVENTOR'S SIGNATURE</b> <u></u>	<b>DATE*</b> <u></u>
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Joseph A. Kolasch	(Reg. No. 22,463)	James M. Slattery	(Reg. No. 28,380)
Bernard L. Sweeney	(Reg. No. 24,448)	Michael K. Mutter	(Reg. No. 29,680)
Charles Gorenstein	(Reg. No. 29,271)	Gerald M. Murphy, Jr.	(Reg. No. 28,977)
Leonard R. Svensson	(Reg. No. 30,330)	Terry L. Clark	(Reg. No. 32,644)
Andrew D. Meikle	(Reg. No. 32,868)	Marc S. Weiner	(Reg. No. 32,181)
Joe McKinney Muncy	(Reg. No. 32,934)	Donald J. Daley	(Reg. No. 34,313)
C. Joseph Faraci	(Reg. No. 32,350)		

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 Insert Name of Inventor  
 Insert Date This Document is Signed  
 Insert Residence  
 Insert Citizenship  
 Insert Post Office Address  
 Full Name of Second Inventor, if any:  
 see above

Full Name of Third Inventor, if any  
 see above

Full Name of Fourth Inventor, if any  
 see above

Full Name of Fifth Inventor, if any  
 see above

GIVEN NAME		FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
<u>Hiroshi</u>		<u>MASUJIMA</u>	<u>Hiroshi Masujima</u>	<u>April 5, 2001</u>
Residence (City, State & Country)		CITIZENSHIP		
<u>Urawa-shi, Saitama-ken Japan</u>		<u>Japanese</u>		
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)				
<u>6-25-606, Yotsuya 2-chome, Urawa-shi, Saitama-ken, 336-0032 Japan</u>				
GIVEN NAME		FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP		
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GIVEN NAME		FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP		
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Residence (City, State & Country)		CITIZENSHIP		
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)				
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4/20

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Insert Name of Inventor  
Insert Date This Document is Signed  
Insert Residence Insert Citizenship  
Insert Post Office Address

see above  
see above

Full Name of Second Inventor, if any

see above

Full Name of Fourth Inventor, if any

see above

Full Name of Fifth Inventor, if any

see above

GIVEN NAME      FAMILY NAME		INVENTOR'S SIGNATURE	DATE*
Takuma      YABE		Takuma YABE	April 5, 2001
Residence (City, State & Country)		CITIZENSHIP	
Ageo-shi, Saitama-ken Japan		Japanese	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
3-110, Nakabun, Ageo-shi, Saitama-ken, 362-0067 Japan			
GIVEN NAME      FAMILY NAME		INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
GIVEN NAME      FAMILY NAME		INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP	
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Residence (City, State & Country)		CITIZENSHIP	
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GIVEN NAME      FAMILY NAME		INVENTOR'S SIGNATURE	DATE*
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Bernard L. Sweeney	(Reg. No. 24,448)	Michael K. Mutter	(Reg. No. 29,680)
Charles Gorenstein	(Reg. No. 29,271)	Gerald M. Murphy, Jr.	(Reg. No. 28,977)
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Insert Name of Inventor  
Insert Date This Document is Signed  
Insert Residence Insert Citizenship

5-00	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
→	Toru	OISHI	Toru Oishi	April 5, 2001
→	Residence (City, State & Country)			CITIZENSHIP
→	Kisarazu-shi, Chiba-ken Japan			Japanese
→	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o Research&Development Laboratories, Nippon Steel Chemical Co., Ltd., 15-1, Shinminato, Kisarazu-shi, Chiba-ken 292-0836 Japan			

Full Name of Second Inventor, if any:  
see above

→	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
→	Residence (City, State & Country)			CITIZENSHIP
→	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			

Full Name of Third Inventor, if any  
see above

→	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
→	Residence (City, State & Country)			CITIZENSHIP
→	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			

Full Name of Fourth Inventor, if any  
see above

→	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
→	Residence (City, State & Country)			CITIZENSHIP
→	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			

Full Name of Fifth Inventor, if any  
see above

→	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
→	Residence (City, State & Country)			CITIZENSHIP
→	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			

\* DATE OF SIGNATURE